

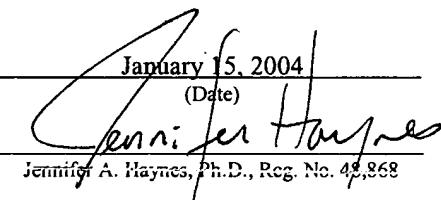
Case Docket No. HEBIO.001C1
 Date: January 15, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Wolde-Mariam, Wondu
 Appl. No. : 10/714,691
 Filed : November 17, 2003
 For : A METHOD FOR
 SIMULTANEOUS
 DETECTION OF MULTIPLE
 MICROBIAL ANTIGENS IN
 BIOLOGICAL SPECIMENS
 FROM MASTITIC ANIMALS
 Examiner : Unknown
 Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on


 January 15, 2004
 (Date)
 Jennifer A. Haynes, Ph.D., Reg. No. 48,868

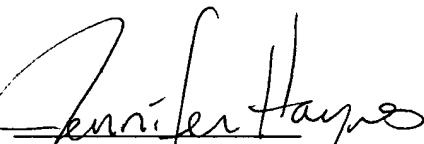
TRANSMITTAL LETTER

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with forty-four (44) references which are not enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


 Jennifer A. Haynes, Ph.D.
 Registration No. 48,868
 Agent of Record
 Customer No. 20,995
 (415) 954-4114

**INFORMATION DISCLOSURE STATEMENT**

Applicant : Wolde-Mariam, Wondu
App. No. : 10/714,691
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For : A METHOD FOR SIMULTANEOUS
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MASTITIC ANIMALS
Examiner : Unknown
Group Art Unit : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 44 references that are of record in U.S. patent application No. 09/976,512, filed October 11, 2001, which is the parent of this Continuation application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

By: Jennifer Haynes

Jennifer A. Haynes, Ph.D.
Registration No. 48,868
Agent of Record
Customer No. 20,995
(415) 954-4114

Dated: Jan. 15, 2004

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. HEBIO.001C1 | APPLICATION NO. 10/714,691 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | |
| JAN 20 2004 U.S. PATENT & TRADEMARK OFFICE USE SEVERAL SHEETS IF NECESSARY | | | |
| FILING DATE November 17, 2003 | | GROUP Unknown | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|------------------|-----------------|---------|-----------------|-------|----------|------------------------------|
| 1. | DES404,812 | 1/26/99 | Cipkowski | | | |
| 2. | DES420,141 | 2/1/00 | Casterlin | | | |
| 3. | DES423,110 | 4/18/00 | Cipkowski | | | |
| 4. | DES430,303 | 8/29/00 | Cipkowski | | | |
| 5. | 4,849,341 | 7/18/89 | Adams et al. | | | |
| 6. | 5,026,638 | 6/25/91 | Saperstein | | | |
| 7. | 5,132,210 | 7/21/92 | Adams et al. | | | |
| 8. | 5,168,044 | 12/1/92 | Joyce et al. | | | |
| 9. | 5,198,213 | 3/30/93 | Stott et al. | | | |
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| 13. | 5,591,645 | 1/7/97 | Rosenstein | | | |
| 14. | 5,798,273 | 8/25/98 | Schuler et al. | | | |
| 15. | 5,958,714 | 9/28/99 | Gordon et al. | | | |
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| 17. | 5,976,896 | 11/2/99 | Kumar et al. | | | |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|------------------|-----------------|--------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| 18. | GB2314 625A | 1/7/98 | UK | | | | |
| 19. | EPO 237 384 | 2/6/87 | EPO | | | | |

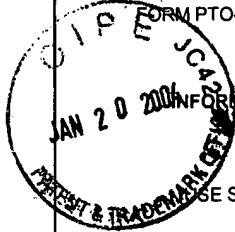
| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | |
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| 20. | Bramley, A.J., "Mastitis: Physiology of Pathology" <i>Flem. Vet. J.</i> 61 (Suppl 1):3-113 (1991) | |

| EXAMINER | DATE CONSIDERED |
|--|-----------------|
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | |

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| <p style="text-align: right;">CIP E JAN 20 2004 U.S. PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)</p> | ATTY. DOCKET NO. HEBIO.001C1 | APPLICATION NO. 10/714,691 |
| | APPLICANT Wolde-Marian, Wondu | |
| | FILING DATE November 17, 2003 | GROUP Unknown |
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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
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| 21. | Byrne et al., "Application of an indirect ELISA to milk samples to identify cows with <i>Mycoplasma bovis</i> mastitis", <u>The Veterinary Record</u> 146:368-369 (3/25/2000) |
| 22. | Chalifour et al., "Use of defined oligosaccharide epitopes in an ELISA for group B streptococcus" <u>Jr. of Immunological Methods</u> 154:69-76 (1992) |
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| 24. | Donders et al., "Accuracy of rapid antigen detection test for group B streptococci in the indigenous vaginal bacterial flora" <u>Arch Gynecol. Obstet.</u> 264:34-36 *(1999) |
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| 26. | Gilson, Warren, "Interpreting and Using Mastitis Screening Tests" <u>University of Georgia, College of Agriculture & Environmental Sciences, Bulletin</u> 913:1-12 Web site 8/21/02 |
| 27. | Gonzalez et al., "Polyclonal Antibodies Against Live Cells of <i>Pseudomonas fluorescens</i> for the Detection..." <u>Jr. Dairy Sci.</u> 77:3552-3557 (1994) |
| 28. | Gutierrez et al., "Monoclonal Antibodies and an Indirect ELISA for Detection of Psychrotrophic Bacteria in Refrigerated Milk" <u>Jr. of Food Protection</u> 60(1):23-27 (1997) |
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| 30. | Hordnes et al., "Evaluation of a Rapid Enzyme Immunoassay for Detection of Genital Colonization of Group B Streptococci in Pregnant Women: Own Experience and Review", <u>Aust. NZ J. Obstet. Gynaecol.</u> 35(3):251-253 (1995) |
| 31. | Hotzel et al., "Enhancement of <i>Mycoplasma bovis</i> detection in milk samples by antigen capture prior to PCR" <u>Molecular and Cellular Probes</u> 13:175-178 (1999) |
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| 33. | Kit "inoculation & interpretation it's easy as 1-2-3". <u>A.J. Buck & Son</u> , a Division of National Logistics Services, LLC |
| 34. | Kit "InTray Colorex Screen Test" <u>BIOMED Diagnostics</u> , 1430 Koll Circle, Ste 1010, San Jose, CA (Document No. 10.082) |
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| 36. | Lipkin et al., "Abstract Direct PCT Detection of Mastitis causing Pathogens in Milk" <u>Research Dev. Co. of the Hebrew University of Jerusalem</u> , A-0645 |
| 37. | Neyret et al., "Evaluation of a Commercial Test Kit for Rapid Detection of <i>Staphylococcus aureus</i> in Blood Cultures" <u>Eur. J. Clin. Microbiol. Infect. Dis.</u> 16:165-166 (1997) |
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|  FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (IF NECESSARY, USE SEVERAL SHEETS IF NECESSARY) | ATTY. DOCKET NO. HEBIO.001C1 | APPLICATION NO. 10/714,691 |
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| | FILING DATE November 17, 2003 | GROUP Unknown |

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
|------------------|--|
| 42 | Wichelhaus et al., "Rapid Detection of Epidemic Strains of Methicillin-Resistant <i>Staphylococcus aureus</i> " <i>Jr. of Clinical Microbiology</i> 37:690-693 (1999) |
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